

REMARKS

Applicant has studied the Office Action dated April 1, 2004, and has made amendments to the claims and the drawings. Claims 1, 5, 10 and 15 have been amended. Claim 15 has been amended to correct a typographical error. Claims 19 and 20 are new. Figure 1 has been amended to correct an informality. No new matter has been added. It is submitted that the application, as amended, is in condition for allowance. Reconsideration and reexamination are respectfully requested.

Amendment to the Drawings

The Examiner objected to the drawings for Figure 1 because of an informality. Specifically, the Examiner indicated that in Figure 1, box 200, "contral" needs to be changed to -control-. Figure 1 has been amended to incorporate this change. Therefore, it is submitted that no new matter has been added with this amendment and that the objection to the drawings should be withdrawn.

Objections

The Examiner stated that claims 5-18 were objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. Claim 5 has been rewritten in independent form and includes all of the limitations of its base claim, original claim 1. Likewise, claim 10 has also been rewritten in independent form and includes all of the limitations of its base claim, original claim 1. In view of these amendments, Applicant respectfully requests that the objections be withdrawn as to amended claims 5 and 10 and their respective dependent claims.

Rejections under 35 U.S.C. § 102

Claims 1-4 have been rejected under 35 U.S.C. § 102(e) as being anticipated by U.S. Pub. No. 2002/0180501, to Baker et al. ("Baker et al."). This rejection is respectfully traversed.

Independent claim 1 has been amended to claim features found in original claim 5 and original claim 10. Specifically, claim 1 now recites a circuit wherein a control signal generating

part includes a first delay loop for delaying a synchronized clock generating reference signal for a preset time period, to provide as a 180° clock generating phase signal, and a second delay loop for delaying the synchronized clock generating reference signal for a preset time period, to provide as a 360° clock generating phase signal. Claim 1 has further been amended to recite a circuit wherein a clock signal generating part includes a correction delay for delaying a 360° clock generating control signal, a first pulse signal generator for generating a pulse signal in response to the 360° clock generating control signal delayed at the correction delay, and a second pulse signal generator for generating a pulse signal in response to a 180° clock generating control signal. As stated by the Examiner on page 4, paragraph 6 of the Office action, the closest prior art on record does not show or suggest these features. Accordingly, Applicant submits that the Baker et al. reference does not disclose each and every feature of the claimed invention. It is respectfully requested that the rejection under §102(e) in view of Baker et al. be withdrawn as to claim 1 and the claims dependent therefrom.

With respect to new claims 19 and 20, Applicant submits that the claims incorporate the features of original claims 5 and 10, respectively. As stated by the Examiner on page 4, paragraph 6 of the Office action, the closest prior art on record does not show or suggest these features. Accordingly, Applicant respectfully requests that claims 19 and 20 be allowed.

CONCLUSION

In light of the above remarks, Applicant submits that the present Amendment places all claims of the present application in condition for allowance. Reconsideration of the application, as amended, is requested.

U.S. Pub. No. 2002/0172314 to Lin et al. and U.S. Patent No. 6,642,760 to Alon et al. have been made of record by the Examiner, but not relied upon. Applicant has reviewed those references as well as the other references made of record and believes they neither anticipate nor render obvious the present invention.

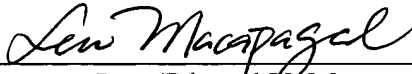
No amendment made was related to the statutory requirements of patentability unless expressly stated herein; and no amendment made was for the purpose of narrowing the scope of any claim, unless Applicant has argued herein that such amendment was made to distinguish over a particular reference or combination of references.

If for any reason the Examiner finds the application other than in condition for allowance, the Examiner is requested to call the undersigned attorney at the Los Angeles, California, telephone number (213) 623-2221 to discuss the steps necessary for placing the application in condition for allowance.


Respectfully submitted,

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